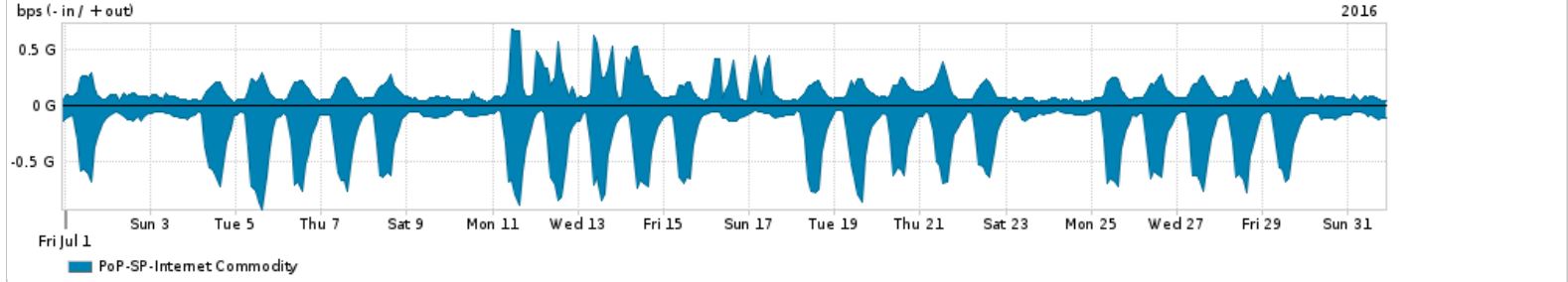


Os gráficos apresentados neste relatório de tráfego estão em formato stack, o que significa que seu valor é uma composição da soma dos componentes listados nas legendas localizadas logo abaixo dos gráficos. Os gráficos estão em "bps x tempo" e possuem dois eixos verticais, Out (positivo) e In (negativo).
 A primeira coluna da tabela define o ponto de referência para entendimento dos valores de In e Out.
 A contabilização do tráfego é sob o ponto de vista do AS da RNP, AS1916.

- Legenda:
- PoP - Ponto de presença da RNP
 - Parceiros - Provedores comerciais que a RNP mantém acordos de troca de tráfego
 - Internet Acadêmica - Acesso às redes acadêmicas internacionais, serviço atualmente provido pela RedClara
 - Internet commodity - Acesso pago à Internet global que é oferecido pela RNP aos seus clientes
 - ASN - Número do sistema autônomo
 - Profile - Objeto gerenciável definido arbitrariamente no Peakflow através de diversos parâmetros (ex: bloco cidr, peer-as, as-path, bgp community, interface, etc)

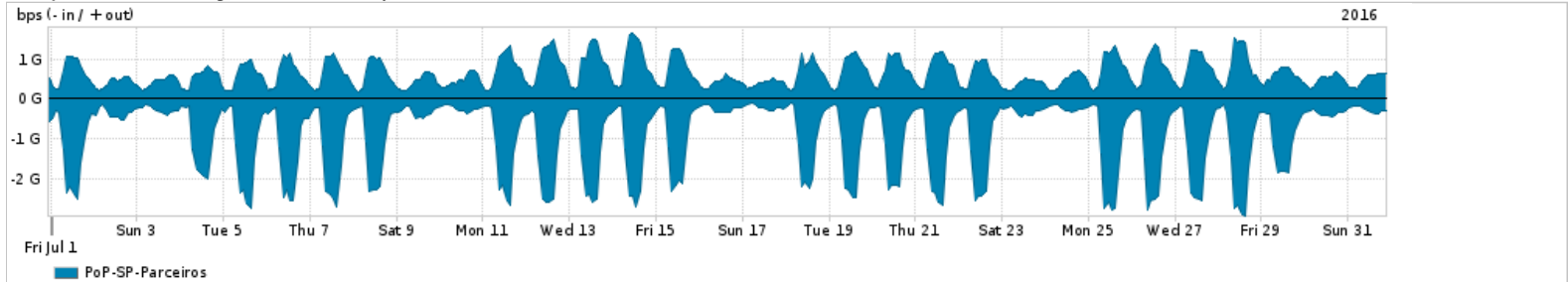
Utilização do serviço de Internet Commodity pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Commodity	269.09 Mbps	137.89 Mbps	406.98 Mbps

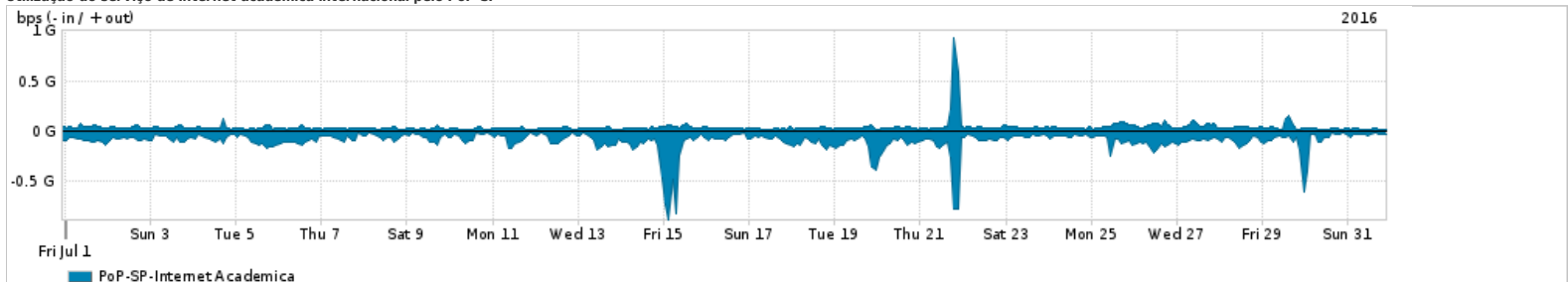
Utilização das trocas de tráfego comerciais no Brasil pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Parceiros	912.68 Mbps	629.90 Mbps	1.54 Gbps

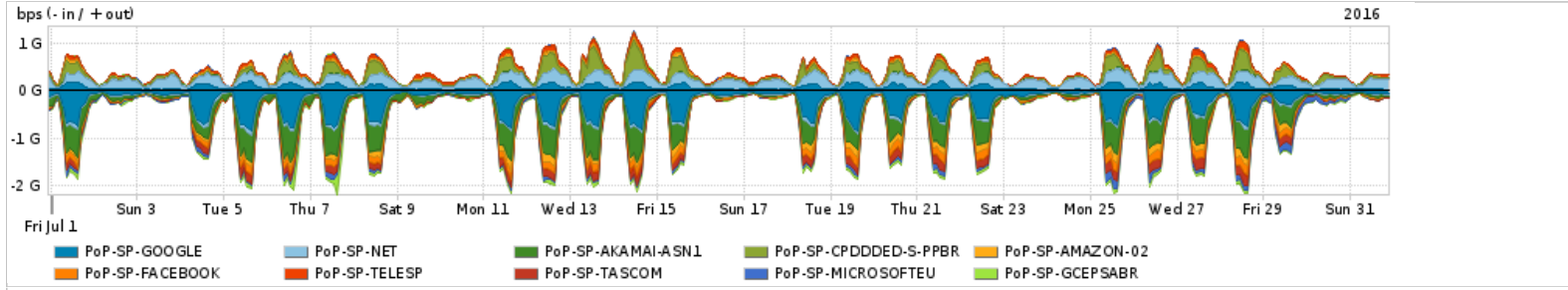
Utilização do serviço de Internet acadêmica internacional pelo PoP-SP



Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	Internet Acadêmica	99.05 Mbps	38.75 Mbps	137.80 Mbps

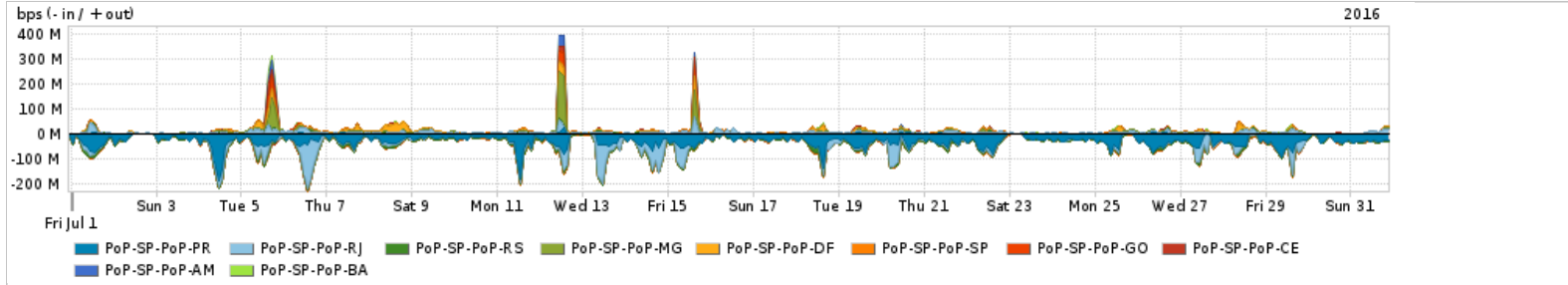
Redes (AS's de origem) mais acessadas pelo PoP-SP



Average | Max | PCT95

PROFILE	AS NAME	ASN	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	GOOGLE	15169	223.11 Mbps	64.48 Mbps	287.59 Mbps
<input type="checkbox"/>	PoP-SP	NET	28573	30.75 Mbps	163.69 Mbps	194.43 Mbps
<input type="checkbox"/>	PoP-SP	AKAMAI-ASN1	20940	175.67 Mbps	3.48 Mbps	179.15 Mbps
<input type="checkbox"/>	PoP-SP	CPDDED-S-PPBR	28637	3.92 Mbps	91.94 Mbps	95.86 Mbps
<input type="checkbox"/>	PoP-SP	AMAZON-02	16509	40.50 Mbps	17.26 Mbps	57.76 Mbps
<input type="checkbox"/>	PoP-SP	FACEBOOK	32934	51.98 Mbps	4.40 Mbps	56.37 Mbps
<input type="checkbox"/>	PoP-SP	TELESP	27699	8.46 Mbps	46.67 Mbps	55.13 Mbps
<input type="checkbox"/>	PoP-SP	TASCOM	52871	53.98 Mbps	920.00 bps	53.98 Mbps
<input type="checkbox"/>	PoP-SP	MICROSOFTEU	8068	35.89 Mbps	2.49 Mbps	38.38 Mbps
<input type="checkbox"/>	PoP-SP	GCEPSABR	28604	33.11 Mbps	1.91 Mbps	35.02 Mbps

Interesse de tráfego do PoP-SP com os outros PoPs da RNP

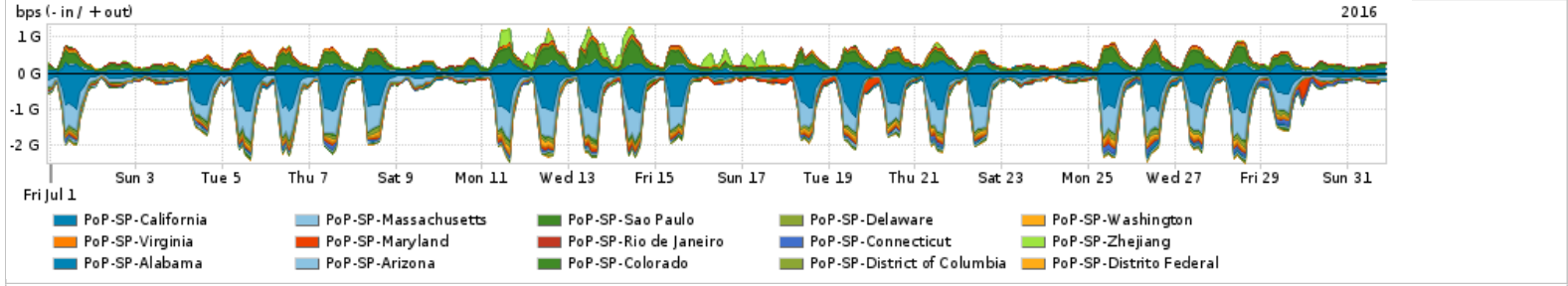


Average | Max | PCT95

PROFILE	PROFILE	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	PoP-PR	31.13 Mbps	381.34 Kbps	31.52 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RJ	9.73 Mbps	4.24 Mbps	13.97 Mbps
<input type="checkbox"/>	PoP-SP	PoP-RS	4.69 Mbps	432.27 Kbps	5.12 Mbps
<input type="checkbox"/>	PoP-SP	PoP-MG	50.88 Kbps	3.40 Mbps	3.45 Mbps
<input type="checkbox"/>	PoP-SP	PoP-DF	15.15 Kbps	3.39 Mbps	3.40 Mbps
<input type="checkbox"/>	PoP-SP	PoP-SP	1.29 Mbps	1.29 Mbps	2.59 Mbps
<input type="checkbox"/>	PoP-SP	PoP-GO	18.85 Kbps	847.86 Kbps	866.71 Kbps
<input type="checkbox"/>	PoP-SP	PoP-CE	10.00 Kbps	546.95 Kbps	556.95 Kbps
<input type="checkbox"/>	PoP-SP	PoP-AM	12.26 Kbps	511.40 Kbps	523.66 Kbps

PROFILE	PROFILE	IN	OUT	TOTAL
<input type="checkbox"/>	PoP-SP	PoP-BA	6.53 Kbps	428.96 Kbps
				435.50 Kbps

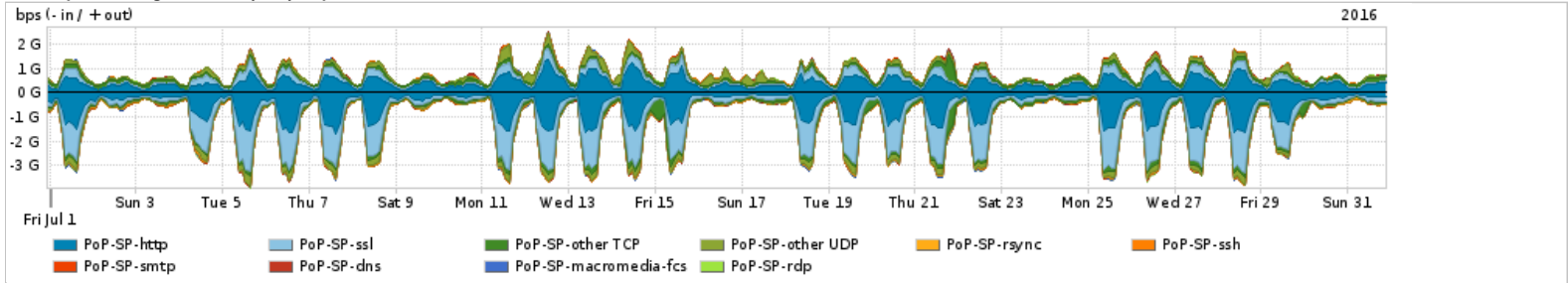
Distribuição do tráfego do PoP-SP por estado, província ou similar



Average | Max | PCT95

PROFILE	REGION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	California	340.08 Mbps	108.67 Mbps	448.75 Mbps
<input type="checkbox"/>	PoP-SP	Massachusetts	225.37 Mbps	5.83 Mbps	231.20 Mbps
<input type="checkbox"/>	PoP-SP	Sao Paulo	22.57 Mbps	166.76 Mbps	189.34 Mbps
<input type="checkbox"/>	PoP-SP	Delaware	36.89 Mbps	5.67 Mbps	42.57 Mbps
<input type="checkbox"/>	PoP-SP	Washington	29.53 Mbps	6.94 Mbps	36.48 Mbps
<input type="checkbox"/>	PoP-SP	Virginia	14.75 Mbps	20.69 Mbps	35.45 Mbps
<input type="checkbox"/>	PoP-SP	Maryland	34.07 Mbps	724.69 Kbps	34.79 Mbps
<input type="checkbox"/>	PoP-SP	Rio de Janeiro	7.75 Mbps	25.92 Mbps	33.67 Mbps
<input type="checkbox"/>	PoP-SP	Connecticut	31.15 Mbps	504.84 Kbps	31.65 Mbps
<input type="checkbox"/>	PoP-SP	Zhejiang	322.21 Kbps	29.92 Mbps	30.24 Mbps
<input type="checkbox"/>	PoP-SP	Alabama	19.59 Mbps	814.49 Kbps	20.41 Mbps
<input type="checkbox"/>	PoP-SP	Arizona	19.18 Mbps	460.70 Kbps	19.64 Mbps
<input type="checkbox"/>	PoP-SP	Colorado	18.54 Mbps	840.26 Kbps	19.38 Mbps
<input type="checkbox"/>	PoP-SP	District of Columbia	12.03 Mbps	337.69 Kbps	12.37 Mbps
<input type="checkbox"/>	PoP-SP	Distrito Federal	6.71 Mbps	5.52 Mbps	12.23 Mbps

Distribuição do tráfego do PoP-SP por aplicação (análise em camada 3 e 4)

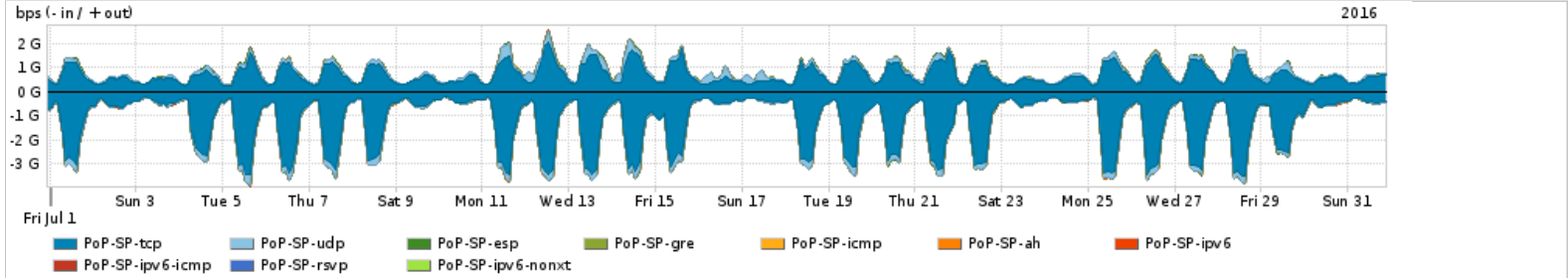


Average | Max | PCT95

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	http	534.04 Mbps	391.84 Mbps	925.87 Mbps
<input type="checkbox"/>	PoP-SP	ssl	506.79 Mbps	137.66 Mbps	644.45 Mbps

PROFILE	APPLICATION	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	other TCP	124.05 Mbps	139.43 Mbps	263.47 Mbps
<input type="checkbox"/>	PoP-SP	other UDP	94.92 Mbps	114.13 Mbps	209.04 Mbps
<input type="checkbox"/>	PoP-SP	rsync	30.97 Mbps	980.01 Kbps	31.95 Mbps
<input type="checkbox"/>	PoP-SP	ssh	7.39 Mbps	9.89 Mbps	17.28 Mbps
<input type="checkbox"/>	PoP-SP	smtp	6.23 Mbps	4.79 Mbps	11.02 Mbps
<input type="checkbox"/>	PoP-SP	dns	3.80 Mbps	6.63 Mbps	10.43 Mbps
<input type="checkbox"/>	PoP-SP	macromedia-fcs	7.34 Mbps	818.61 Kbps	8.16 Mbps
<input type="checkbox"/>	PoP-SP	rdp	1.17 Mbps	2.17 Mbps	3.33 Mbps

Distribuição do tráfego do PoP-SP por protocolo



Average | Max | PCT95

PROFILE	PROTOCOL	IN	OUT	TOTAL	
<input type="checkbox"/>	PoP-SP	tcp	1.22 Gbps	695.88 Mbps	1.92 Gbps
<input type="checkbox"/>	PoP-SP	udp	100.66 Mbps	119.34 Mbps	220.00 Mbps
<input type="checkbox"/>	PoP-SP	esp	1.90 Mbps	5.93 Mbps	7.83 Mbps
<input type="checkbox"/>	PoP-SP	gre	1.19 Mbps	5.82 Mbps	7.01 Mbps
<input type="checkbox"/>	PoP-SP	icmp	398.95 Kbps	1.11 Mbps	1.50 Mbps
<input type="checkbox"/>	PoP-SP	ah	365.18 Kbps	62.07 Kbps	427.25 Kbps
<input type="checkbox"/>	PoP-SP	ipv6	114.79 Kbps	50.88 Kbps	165.67 Kbps
<input type="checkbox"/>	PoP-SP	ipv6-icmp	14.97 Kbps	6.63 Kbps	21.61 Kbps
<input type="checkbox"/>	PoP-SP	rsvp	14.00 bps	0.00 bps	14.00 bps
<input type="checkbox"/>	PoP-SP	ipv6-nonxt	11.00 bps	0.00 bps	11.00 bps

For assistance with this product, please contact support@arbornetworks.com.